

Figure 1

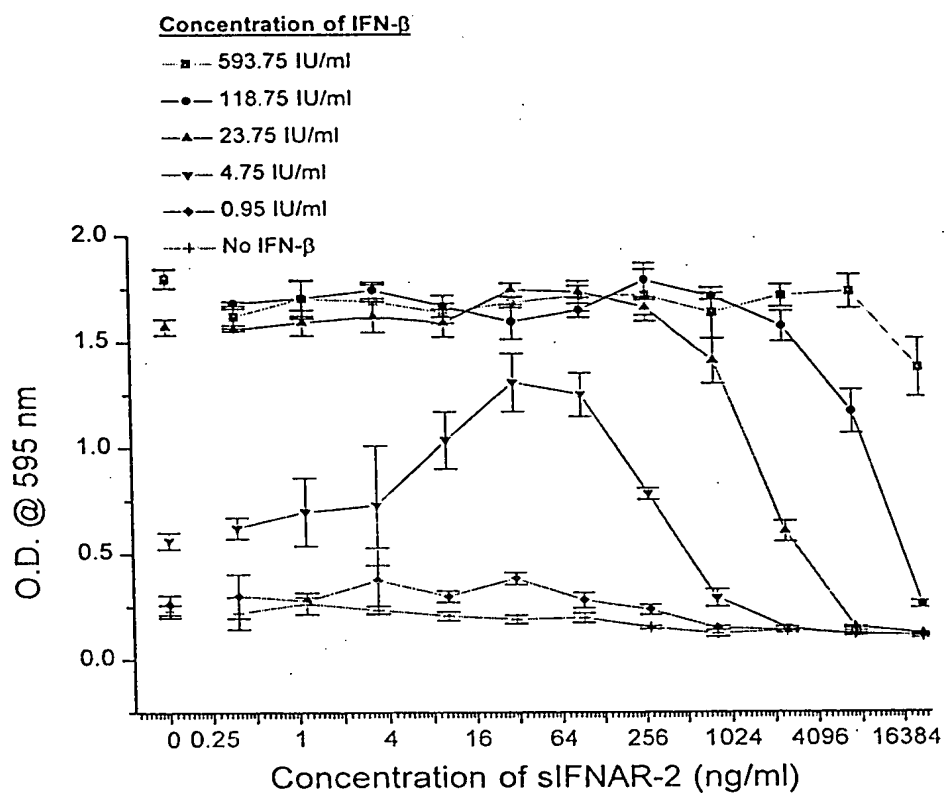


Figure 2

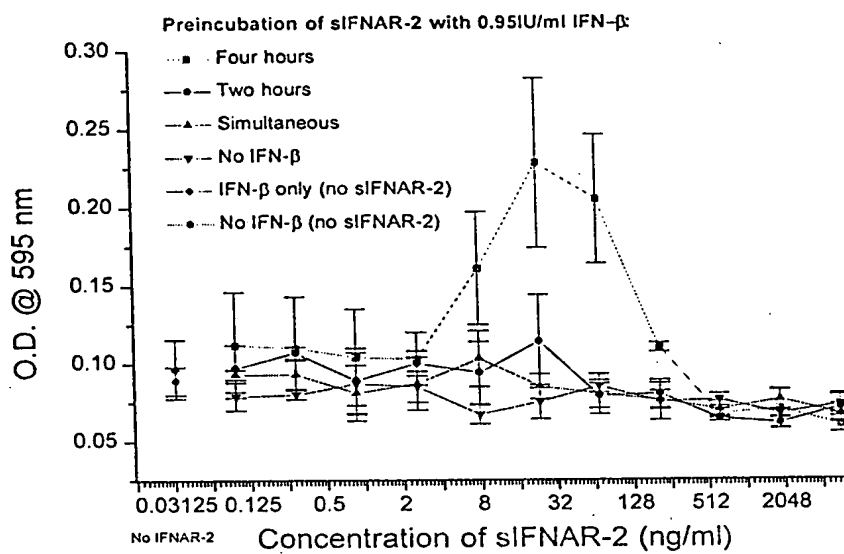
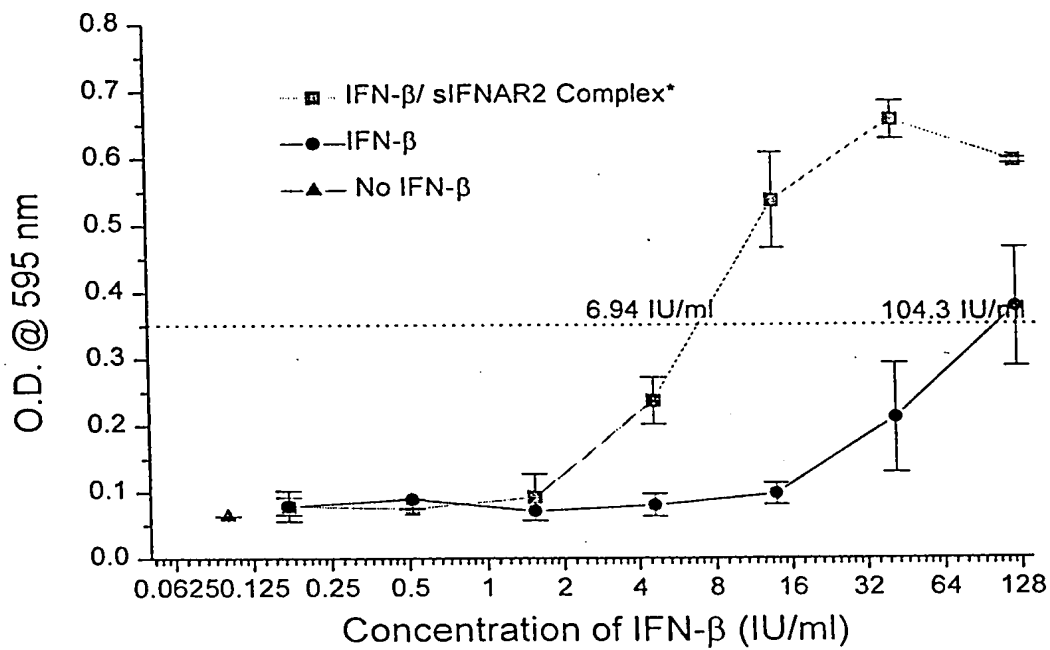


Figure 3



*Preincubation for 3 hours @ 37°C with ratio of 2.5 ng IFNAR-2/IU IFN-β

Figure 4

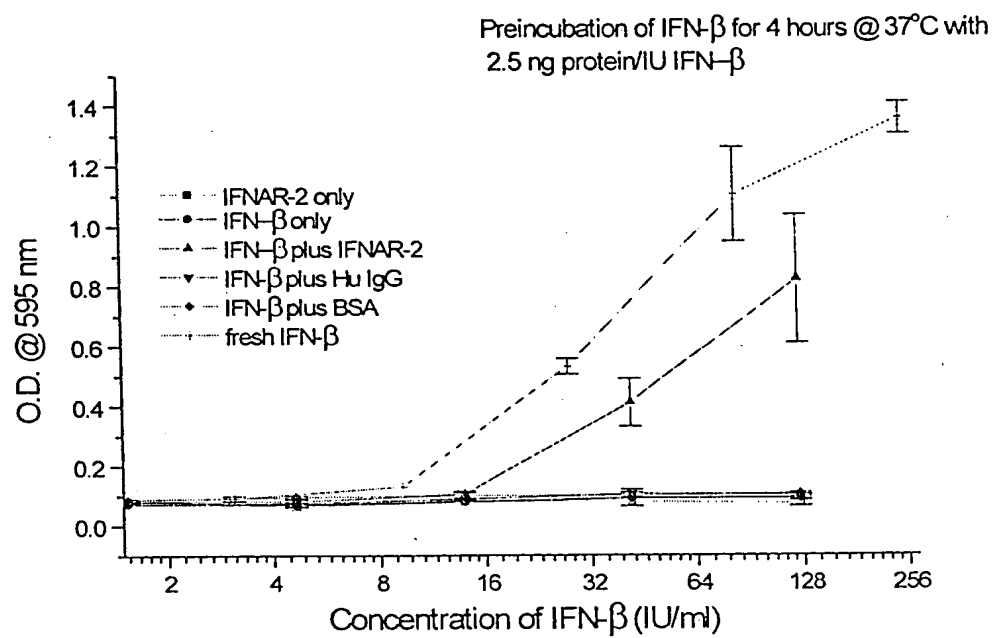


Figure 5

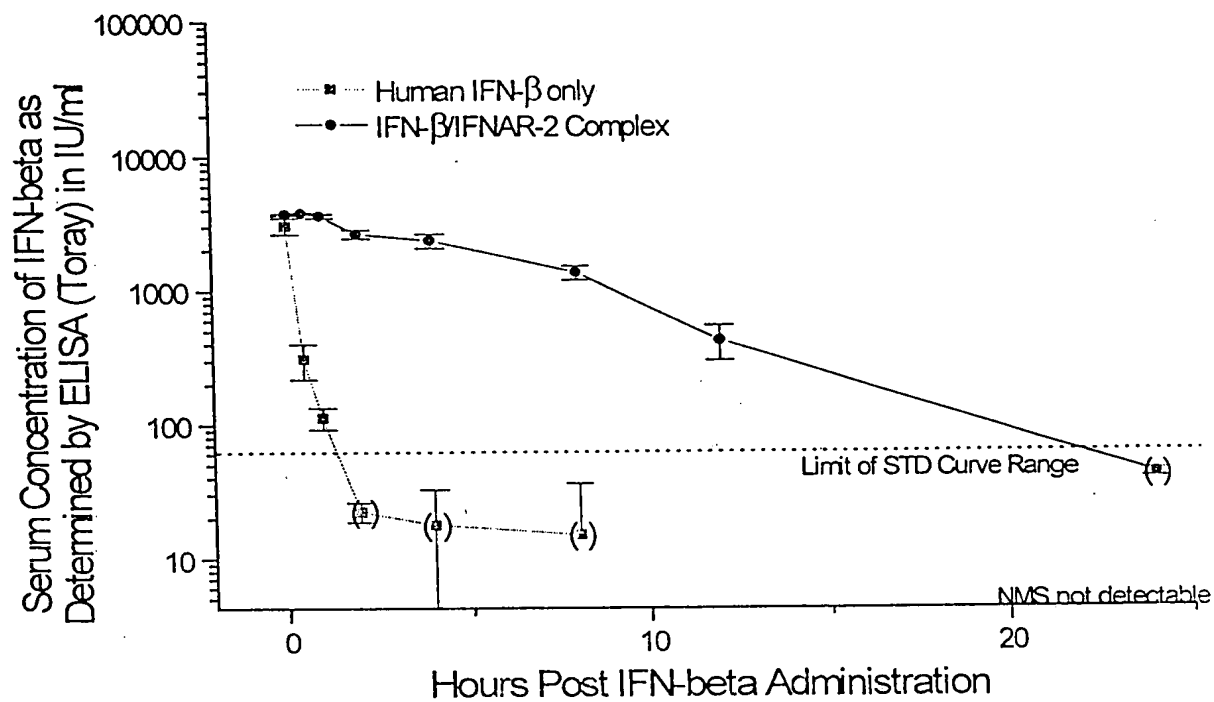


Figure 6

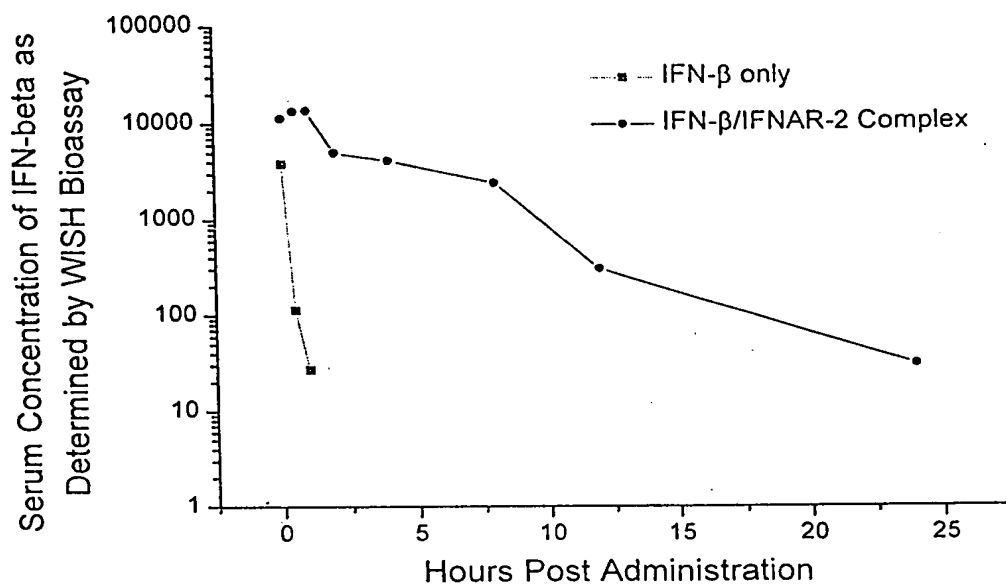


Figure 7

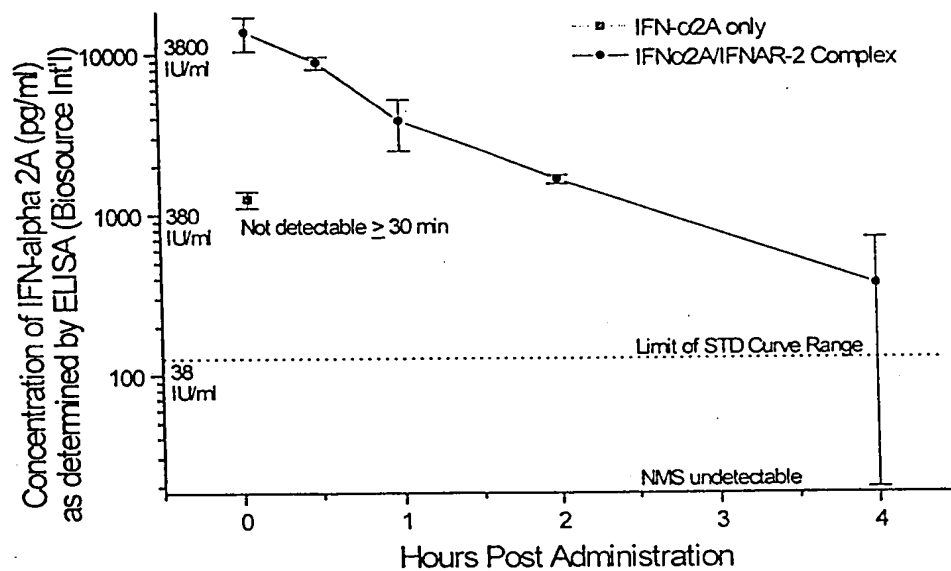


Figure 8

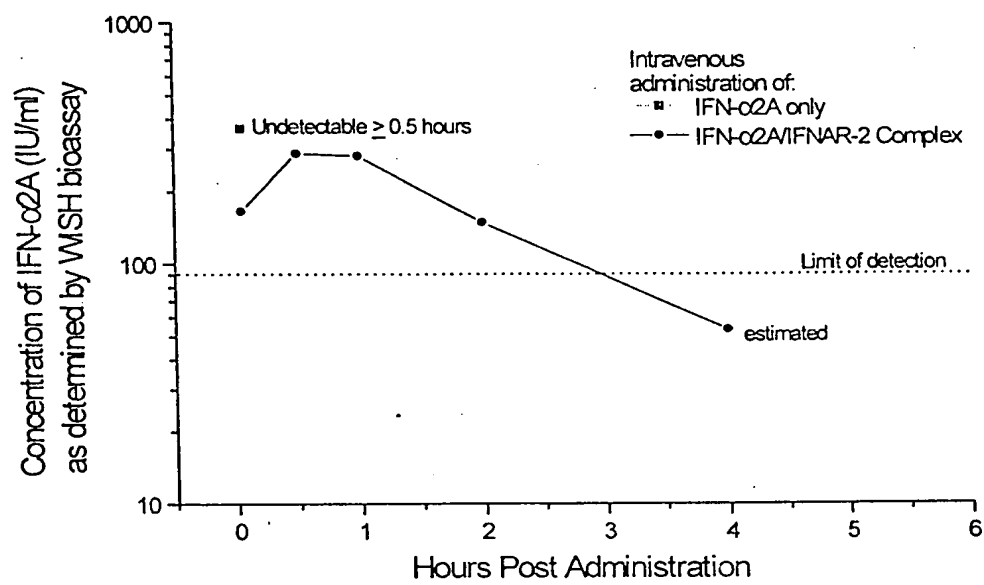


Figure 9

-29 Signal peptide

1 hIFNAR2

MLLSQNAFIV RSLNLVLMVY ISLVFGISYD SPDYTDSCCT
FKISLRNFRS

22

ILSWELKNHS IVPHTYLLY TIMSKPEDLK VVKNCANTTR
SFCDLTDEWR

72

STHEAYVTVL EGFSGNTTLF SCSHFWLAI DMSFEPPEFE
IVGFTNHINV

122

MVKFPSIVEE ELQFDLSLVI EEQSEGIVKK HKPEIKGNMS
GNFTYIIDKL

172

210/211 GS linker

IPNTNYCVSV YLEHSDEQAV IKSPLKCTLL PPGQSEFSG
GGGSGGGGSM

221 hIFN β

SYNLLGFLQR SSNFQCQKLL WQLNGRLEYC LKDKMNFDP
EEIKQLQQFQ

272

KEDAALTIYE MLQNIFAIFR QDSSSTGWNE TIVENLLANV
YHQINHLKTV

322

LEEKLEKEDF TRGKLMSSLH LKRYYGRILH YLKAKEYSHC
AWTIIVRVEIL

372

386

RNFYFINRLT GYLRN

Amino Acids:

-29- -1, signal sequence

+1-210, human IFNAR2

211-220, 2X Gly4Ser linker

221-386, human IFN β

Figure 10

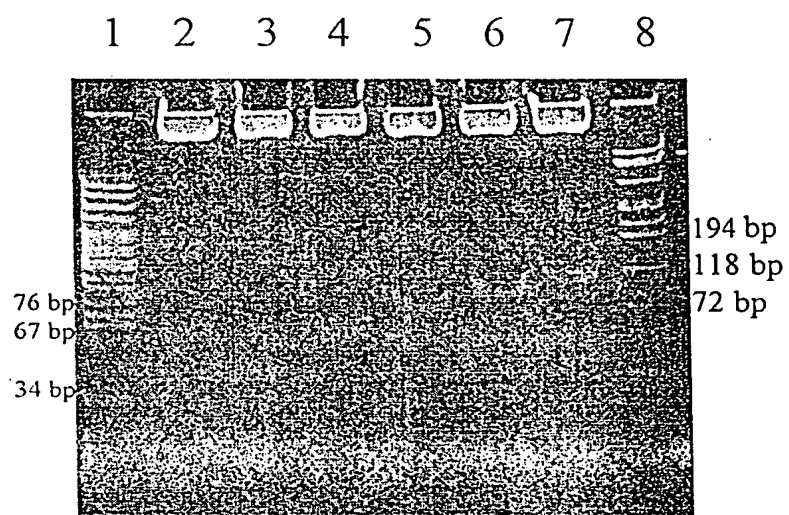


Figure 11

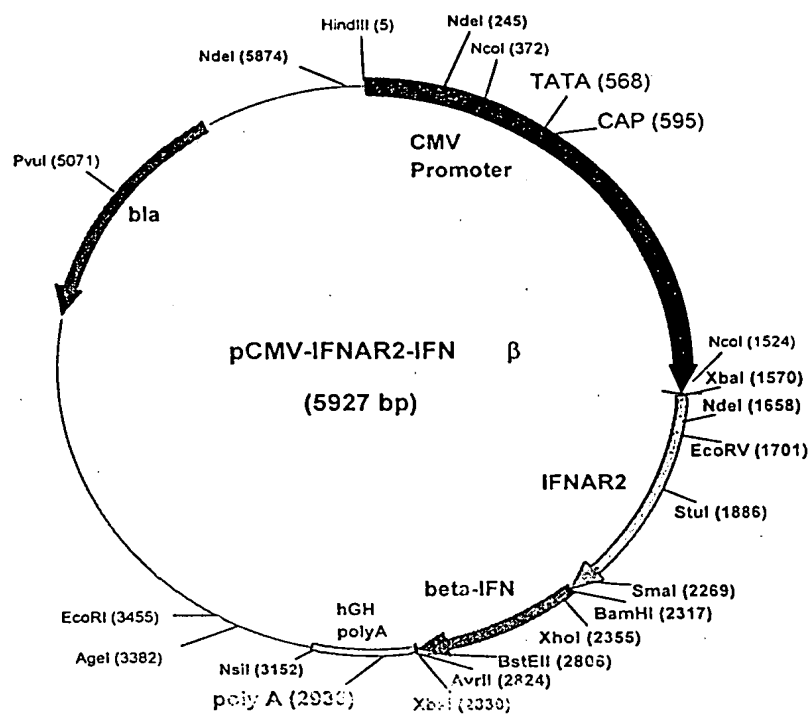


Figure 12

00345343 434090

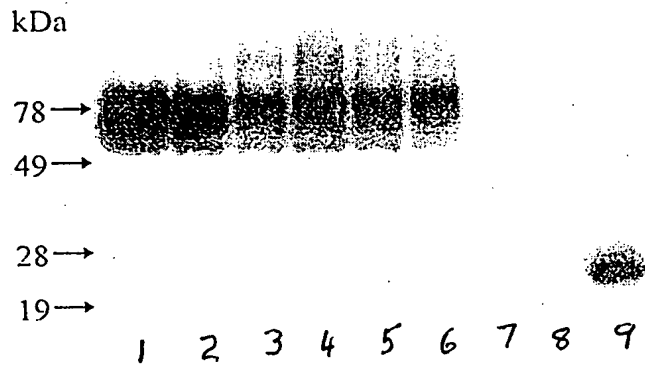


Figure 13

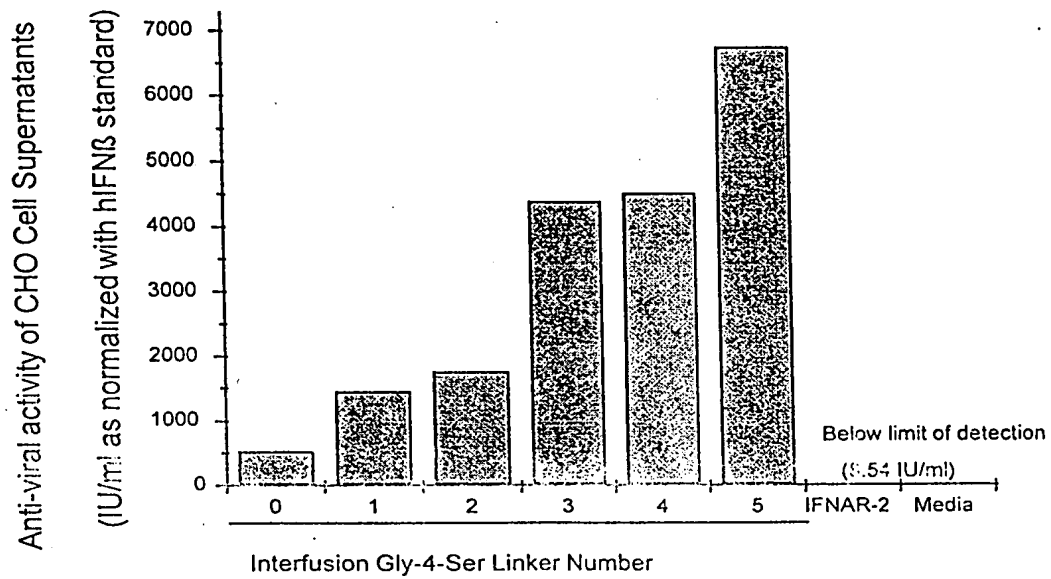


Figure 14

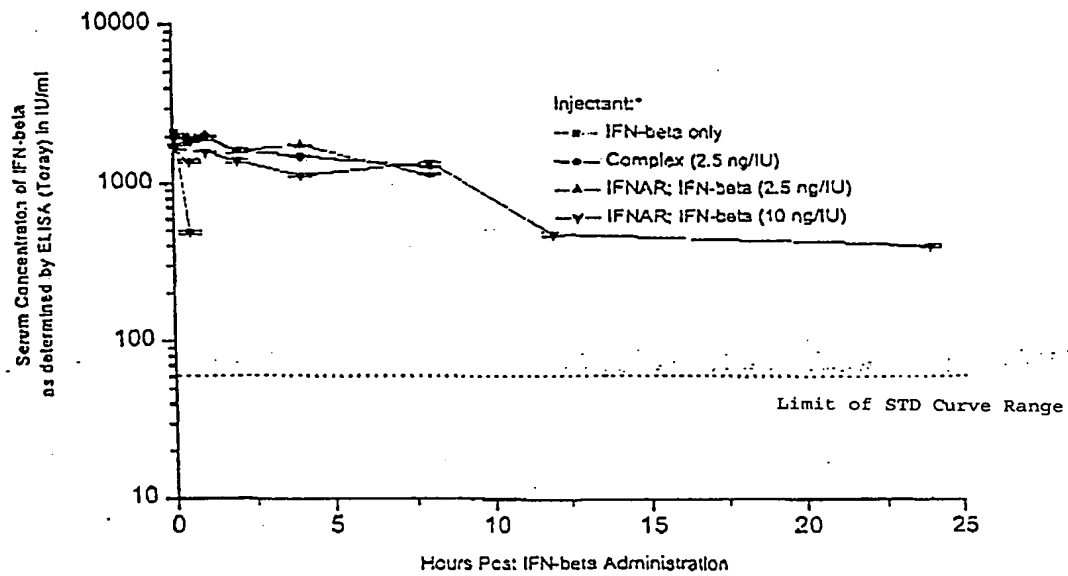


Figure 15A

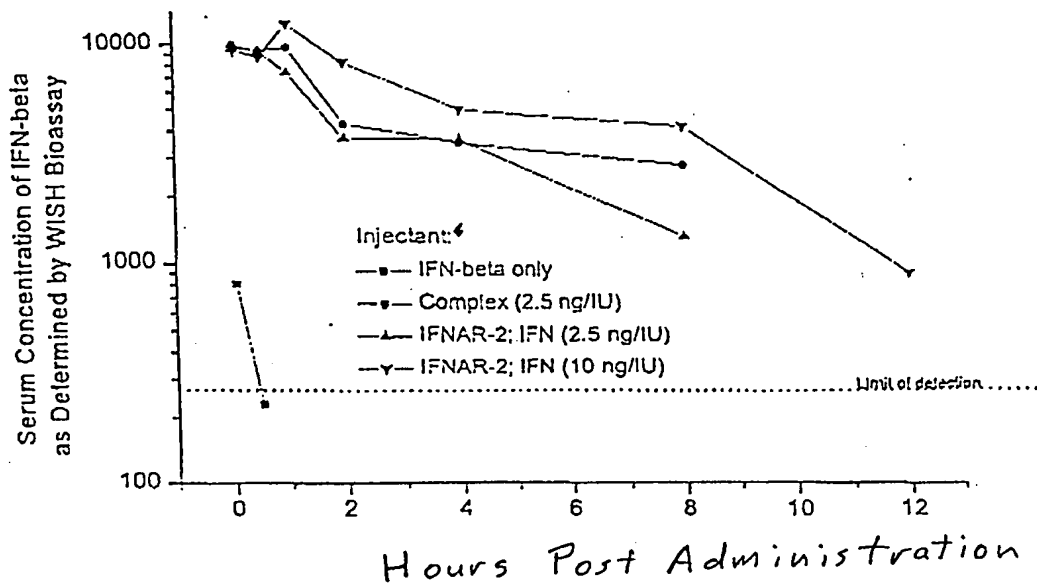


Figure 15B

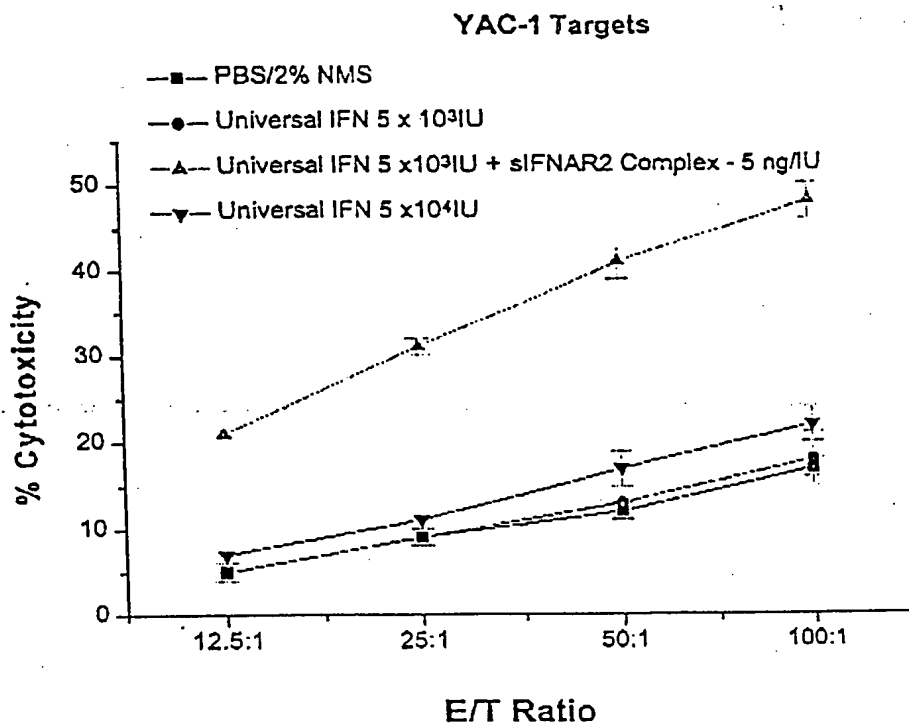


Figure 16

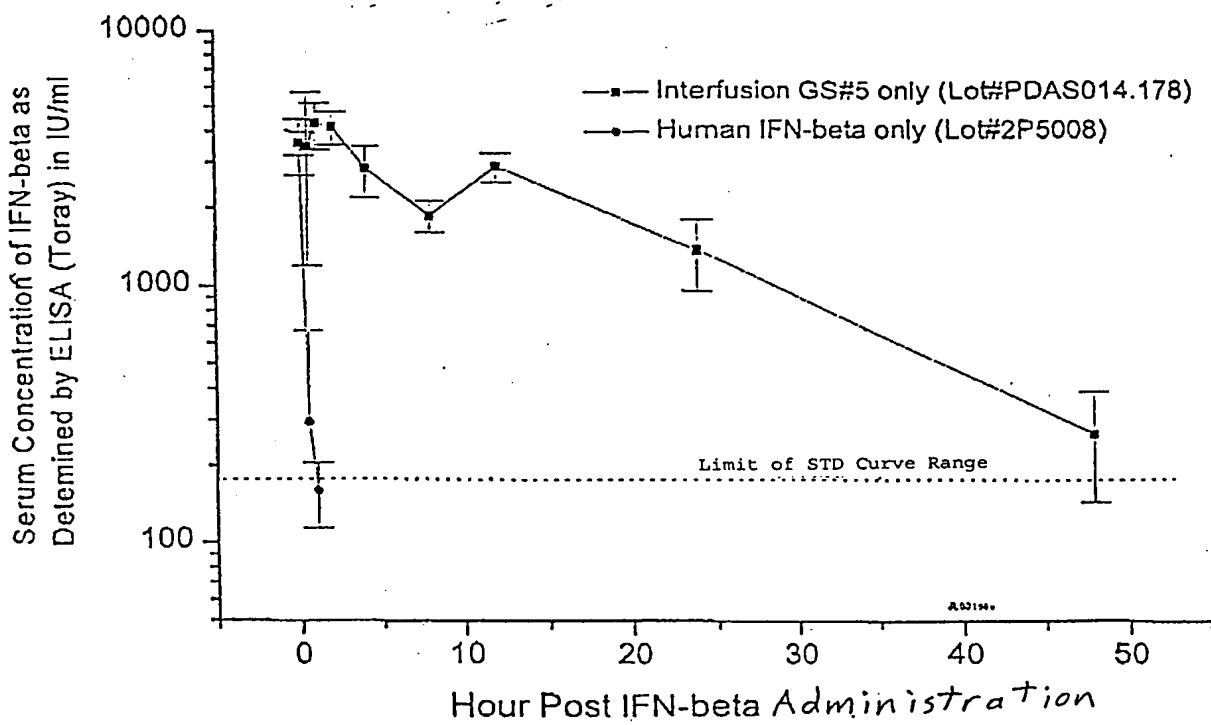


Figure 17